

AMENDMENTS TO THE CLAIMS

1-42. (Canceled)

43. (New) A panel comprising a plurality of electronic sensor apparatus, each of said sensor apparatus comprising:

a touch pad comprising at least a first electrode; and

a control circuit disposed on an integrated circuit, said control circuit comprising:

a signal source;

an input section comprising a first input channel and a second input channel;

a decision section having a first input, a second input, and an output; and

an output section;

wherein signal source is coupled to said touch pad;

wherein said first input channel is coupled to said signal source, said first electrode and said first input of said decision section;

wherein said second input channel is coupled to said signal source and said second input of said decision section; and

wherein said output of said decision section is coupled to said output section.

44. (New) The panel of claim 43 wherein said output section comprises a latch.

45. (New) The panel of claim 44 wherein said latch is coupled to a controlled device.

46. (New) The panel of claim 43 wherein said output section comprises a drive transistor.

47. (New) The panel of claim 46 wherein said drive transistor is coupled to a controlled device.
48. (New) The panel of claim 43 wherein said output section comprises an output line.
49. (New) The panel of claim 48 wherein said output line is coupled to a controlled device.
50. (New) The panel of claim 43 wherein said signal source is an oscillator.
51. (New) The panel of claim 43 wherein each of said electronic sensor apparatus further comprises a second electrode and said second input channel is further coupled to said second electrode.
52. (New) The panel of claim 51 wherein said output section comprises a latch.
53. (New) The panel of claim 52 wherein said latch is coupled to a controlled device.
54. (New) The panel of claim 51 wherein said output section comprises a drive transistor.
55. (New) The panel of claim 54 wherein said drive transistor is coupled to a controlled device.
56. (New) The panel of claim 51 wherein said output section comprises an output line.

57. (New) The panel of claim 56 wherein said output line is coupled to a controlled device.

58. (New) The panel of claim 51 wherein said signal source is an oscillator.